

## CLAIMS

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1. A composition for delivery of ephedrine consisting of a condensation aerosol
  - a. formed by volatilizing a coating of ephedrine on a solid support, having the surface texture of a metal foil, to a temperature sufficient to produce a heated vapor of ephedrine and condensing the heated vapor of ephedrine to form condensation aerosol particles,
  - b. wherein said condensation aerosol particles are characterized by less than 5% ephedrine degradation products, and
  - c. the condensation aerosol has an MMAD of less than 3 microns.
2. The composition according to Claim 1, wherein the aerosol particles are formed at a rate of at least  $10^9$  particles per second.
3. The composition according to Claim 2, wherein the aerosol particles are formed at a rate of at least  $10^{10}$  particles per second.
4. A composition for delivery of fenfluramine consisting of a condensation aerosol
  - a. formed by volatilizing a coating of fenfluramine on a solid support, having the surface texture of a metal foil, to a temperature sufficient to produce a heated vapor of fenfluramine and condensing the heated vapor of fenfluramine to form condensation aerosol particles,
  - b. wherein said condensation aerosol particles are characterized by less than 5% fenfluramine degradation products, and
  - c. the condensation aerosol has an MMAD of less than 3 microns.
5. The composition according to Claim 4, wherein the aerosol particles are

formed at a rate of at least  $10^9$  particles per second.

6. The composition according to Claim 5, wherein the aerosol particles are formed at a rate of at least  $10^{10}$  particles per second.

7. A method of producing ephedrine in an aerosol form comprising:  
a. heating a coating of ephedrine on a solid support, having the surface texture of a metal foil, to a temperature sufficient to volatilize the ephedrine to form a heated vapor of the ephedrine, and  
b. during said heating, passing air through the heated vapor to produce aerosol particles of the ephedrine comprising less than 5% ephedrine degradation products, and an aerosol having an MMAD of less than 3 microns.

8. The method according to Claim 7, wherein the aerosol particles are formed at a rate of greater than  $10^9$  particles per second.

9. The method according to Claim 8, wherein the aerosol particles are formed at a rate of greater than  $10^{10}$  particles per second

10. A method of producing fenfluramine in an aerosol form comprising:  
a. heating a coating of fenfluramine on a solid support, having the surface texture of a metal foil, to a temperature sufficient to volatilize the fenfluramine to form a heated vapor of the fenfluramine, and  
b. during said heating, passing air through the heated vapor to produce aerosol particles of the fenfluramine comprising less than 5% fenfluramine degradation products, and an aerosol having an MMAD of less than 3 microns.

11. The method according to Claim 10, wherein the aerosol particles are formed at a rate of greater than  $10^9$  particles per second.

12. The method according to Claim 11, wherein the aerosol particles are